



Rangi Ruru
Girls' School

YEAR 12 PANGARAU MATHEMATICS WITH STATISTICS COURSE INFORMATION 2022

Year 12 Mathematics with Statistics is a full year course in which you have the opportunity to gain up to 18 Level 2 credits for your NCEA, with five Achievement Standards (14 credits) internally assessed, and one assessed by external examination at the end of the year (4 credits)

Assessment

General information about school policies and procedures for assessment are contained in your school handbook. It is important that you are aware of the school policies about assessment. If you are in doubt about anything, please ask your teacher. It is your responsibility to be well informed about the requirements.

The plan below gives a general indication of the timing of assessments, but you will be given at least one week's notice of the exact day and time of a final assessment for the Internal Achievement Standard. Note dates and times carefully in your diary and discuss any problems with timing with your teacher in advance.

Topic Order and Approximate Timing

	Topic	AS	Credits	Time	Assessment
Term 1	2.4 Trig	91259	3	6 weeks	Internal Week 6
	2.9 Statistical Inference	91264	4	4 weeks	
Term 2	2.9 Statistical Inference	91264		1 week	Internal Week 1 / 2
	2.13 Experiments	91265	3	5 weeks	Internal Week 6
	2.5 Networks	91260	2	4 weeks	Internal Week 10
Term 3	2.3 Sequences	91258	2	5 weeks	Internal Week 5/6
	Exams				
	2.12 Probability	91267	4	4 weeks	External
Term 4	2.12 Probability cont			2.5 weeks	Derived Grade test Beginning of week 2
Final Exam	For 91267				

Achieved, Merit and Excellence Requirements:

It is important that you are fully informed of the requirements for gaining each grade level. Read the checklist supplied for each standard carefully. Your teacher will go over this with you.

For the internal Achievement Standards there will be a formative assessment which will be marked and returned to you with feedback. This will enable you to see exactly what the requirements are and do further work if necessary before the final task.

There will be no further assessment opportunity for the internally assessed standards.

School examinations

As there is only one externally assessed standard in this course, there will be no school examinations in Term 3 although it may suit to sit the sequences internal in the examination period. An assessment for Probability in Term 4 will generate a derived grade for that paper.

Checking and Recording your results

Marking will be done carefully and checked, but there is always a possibility of an error. After an assessment, you will have an opportunity to check your results. *During this time you must not mark the test paper in any way, or take it out of the room.*

If you disagree with the marking you can ask your teacher to check the marking. If you are not satisfied at this stage, then there is an appeal procedure.

When a result for an internal or a school examination result has been checked you should record it on your own progress record in your handbook, so that at a later date you can check and sign the assessment record kept on the school database. Internal results or derived grades will then be sent to NZQA directly.

Assessed work for the internal standards will be stored at school.

YEAR 12 MATHEMATICS WITH STATISTICS

LIST OF STANDARDS FOR 2022

Achievement Standard Number	Version Number	Title	Mode of Assessment	Credits
91259 2.4	v3	Apply trigonometric relationships in solving problems	Internal	3
91264 2.9	v3	Use statistical methods to make an inference	Internal	4
91265 2.10	v3	Conduct an experiment to investigate a situation using statistical methods	Internal	3
91260 2.5	v3	Apply network methods in solving problems	Internal	2
91258 2.3	v3	Apply sequences and series in solving problems	Internal	2
91267 2.12	v3	Apply probability methods in solving problems	External	4